What is claimed is:

1. An application programming interface for analyzing electronic ink, comprising:

an analysis object that maintains document data for a document containing electronic ink content that is hosted by a software application running on a first processing thread, and

an ink analyzer object that

employs the first thread to make a copy of the document data,

provides the copy of the document data to an electronic ink analysis process,

returns control of the first processing thread to the software application.

2. The application programming interface recited in claim 1, wherein the ink analyzer object reconciles the results of the analysis process with current document data for the document.

3. The application programming interface recited in claim 1, wherein the ink analyzer object makes a second copy of the document data for use in reconciling the results of the analysis process with current document data for the document.

4. An application programming interface, comprising:

an ink analyzer object that

receives document data for a document containing electronic ink content from a software application hosting the document and running on a first processing thread

employs the first thread to make a copy of the document data,

provides the copy of the document data to an electronic ink analysis process,

returns control of the first processing thread to the analysis process; and

reconciles the results of the analysis process with current document data for the document.